Subject: problem with two tlb widget program
Posted by lius02 on Wed, 05 Nov 2003 22:06:27 GMT
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I have a problem with a two tlb widget program. What I want is when the user press enter on the cw_field widget in the second tlb, the plot on the second tlb should be refreshed. But the program runs very weird, when user press the enter, it just waiting, only after you move the mouse to the draw widget on the first tlb, it begin to refresh the draw widget on the second tlb. Following are the codes, any suggestions are highly appreciated.

```
;definition
tlb=widget_base(title='MetabROI', $  ;top level base
  /row,   $
  mbar=menubar)

;draw widget on the first tlb
image_base=widget_base(tlb, /row)
  image_draw=widget_draw(image_base, $      scr_xsize=1024, $
  scr_ysize=1024, $
  button_event=1, $
  motion_event=1, $
  event_pro='roi')
;second tlb
tlb1 = Widget_Base(Group_Leader=tlb,    $
    column,      $
    /TLB_KILL_REQUEST_EVENTS,  $
    event_pro = "tlb1_iconify",  $
    Title='Average Spectroscopy')

specwindow_base=widget_base(tlb1, $
    /row)
 specdraw = Widget_Draw(specwindow_base,  $
 XSize=1024,  $
 YSize=632    $
          )
specbutton_base=widget_base(tlb1,    $
    /row,     $
    event_pro = 'range'   $
       )
  startpoint = cw_field(specbutton_base,  $
    /return_events,   $
    title = 'START POINT', $
    xsize = 8   $
    )

 endpoint = cw_field(specbutton_base,  $
```

```
    /return_events,   $
    title = 'END POINT', $
    xsize = 8    $
    )

;codes realize second tlb
widget_control, event.top, get_uvalue = pinfo
widget_control, (*pinfo).tlb1, /realize
widget_control, (*pinfo).specdraw, get_value=specdraw_id
(*pinfo).specdraw_id = specdraw_id

widget_control, (*pinfo).tlb1, set_uvalue = pinfo

;second tlb event block codes
widget_control, event.top, get_uvalue = pinfo
widget_control, (*pinfo).startpoint, get_value = startpoint
startpoint = round(fix(startpoint))

widget_control, (*pinfo).endpoint, get_value = endpoint
endpoint = round(fix(endpoint))

wset, (*pinfo).specdraw_id
erase
wshow, (*pinfo).specdraw_id

;draw it
plot,  *(*pinfo).avg_spec,      $
 xrange = [startpoint, endpoint],  $
 Xstyle = 1,      $
 /device
```